



# **USEPA**

**Cornell-Dubilier  
Electronics Site  
South Plainfield, NJ**

**REMOVAL ACTION  
OCTOBER – NOVEMBER 2008**



During October and November, 2008, USEPA Region II carried out the following actions to armor the banks of the Bound Brook:

- Installed geotextile fabric on exposed stream banks
- Installed 22,000 ft<sup>2</sup> of stone (rip-rap) over the geotextile fabric
- Replaced 500 linear feet of chain-link fence
- Restored access areas with wood chips and grass seed



## Cornell-Dubilier Electronics Site



Area of stream bank armored





## Cornell-Dubilier Electronics Site



Site at the beginning of the project – the area was heavily vegetated







## Cornell-Dubilier Electronics Site



Brush was cleared in  
preparation for the  
installation of geotextile







## Cornell-Dubilier Electronics Site



- Geotextile fabric was installed to control erosion
- The geotextile fabric was then armored with rip-rap

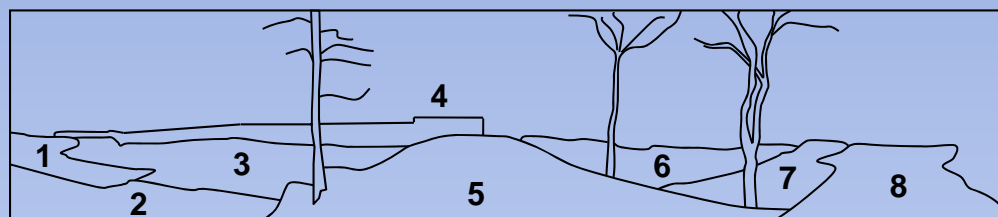


## Cornell-Dubilier Electronics Site Panoramic View of Completed Construction



### Key to Site areas:

1. Wetland area
2. Bound Brook upstream of the Twin Culvert
3. Rip-rap installed on Western Bank
4. New fence installed at completion of construction
5. Rip-rap installed on top of the Twin Culvert
6. Rip-rap installed on Western Bank, downstream of the Twin Culvert
7. Bound Brook downstream of the Twin Culvert
8. Rip-rap installed on Peninsula







Rip-rap installed on Twin Culvert



Rip-rap installed on peninsula



Bank downstream of Twin Culvert



Bank upstream of Twin Culvert with new fence



